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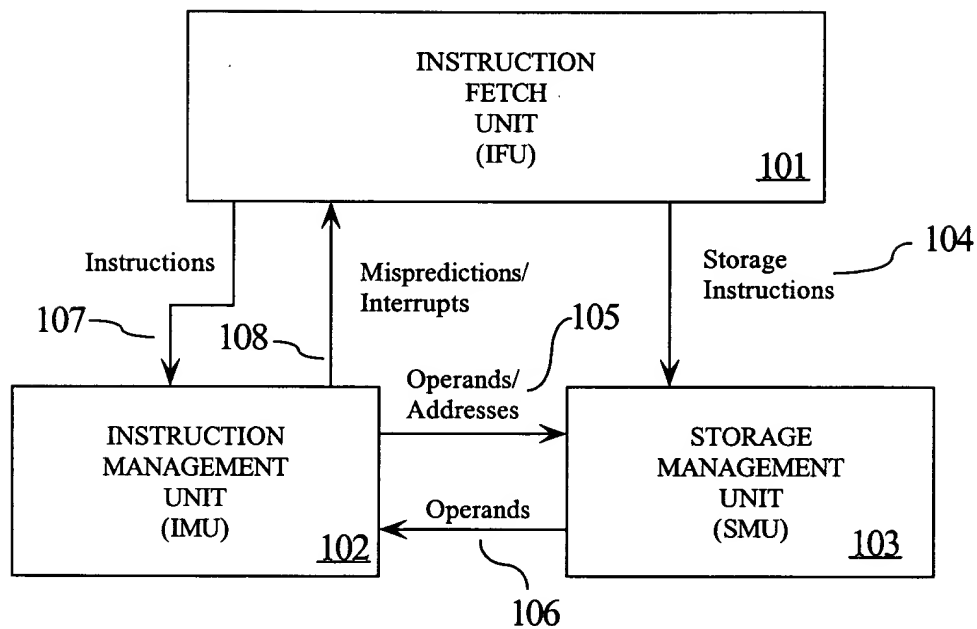


FIG. 1

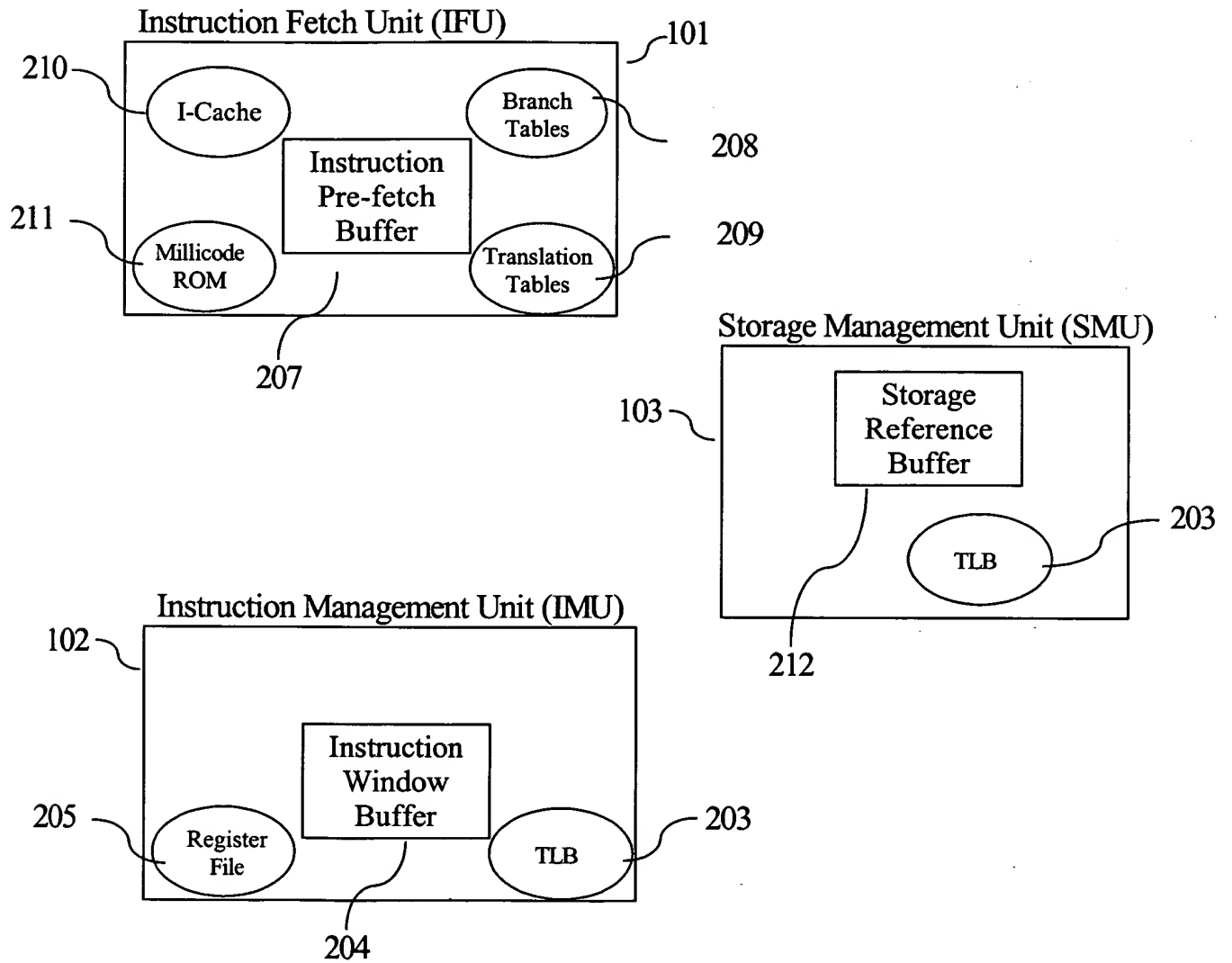


FIG. 2

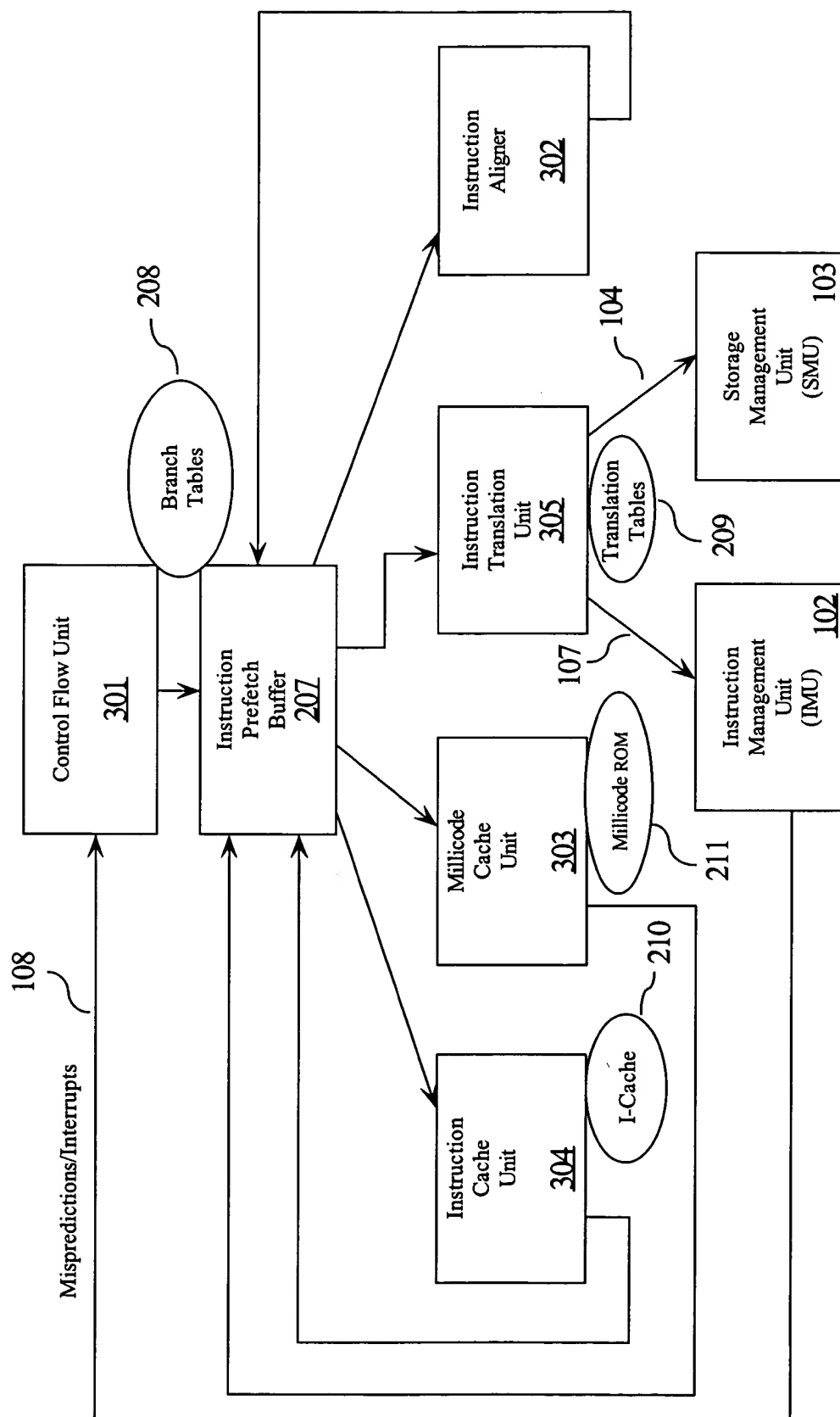


FIG. 3

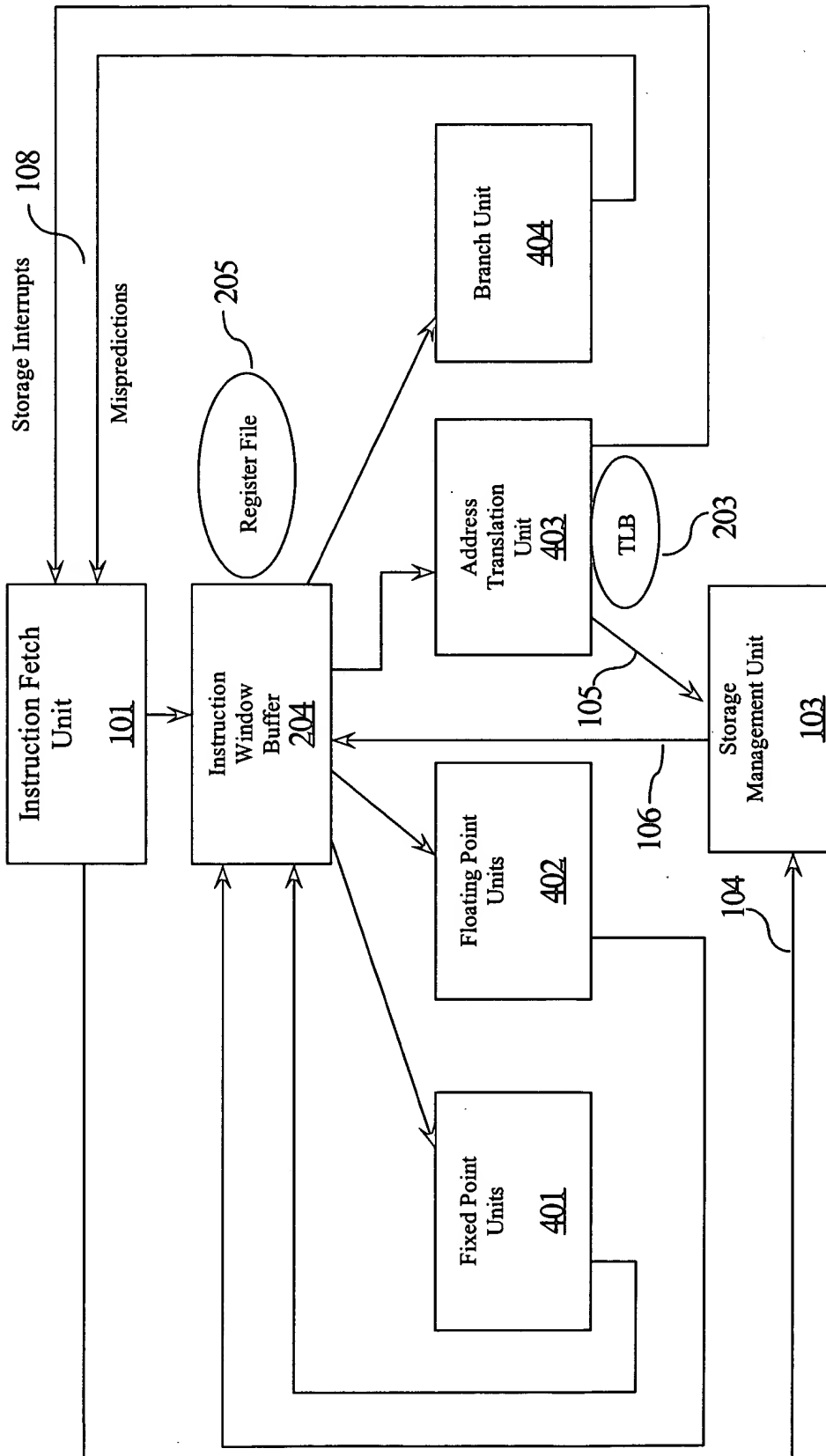


FIG. 4

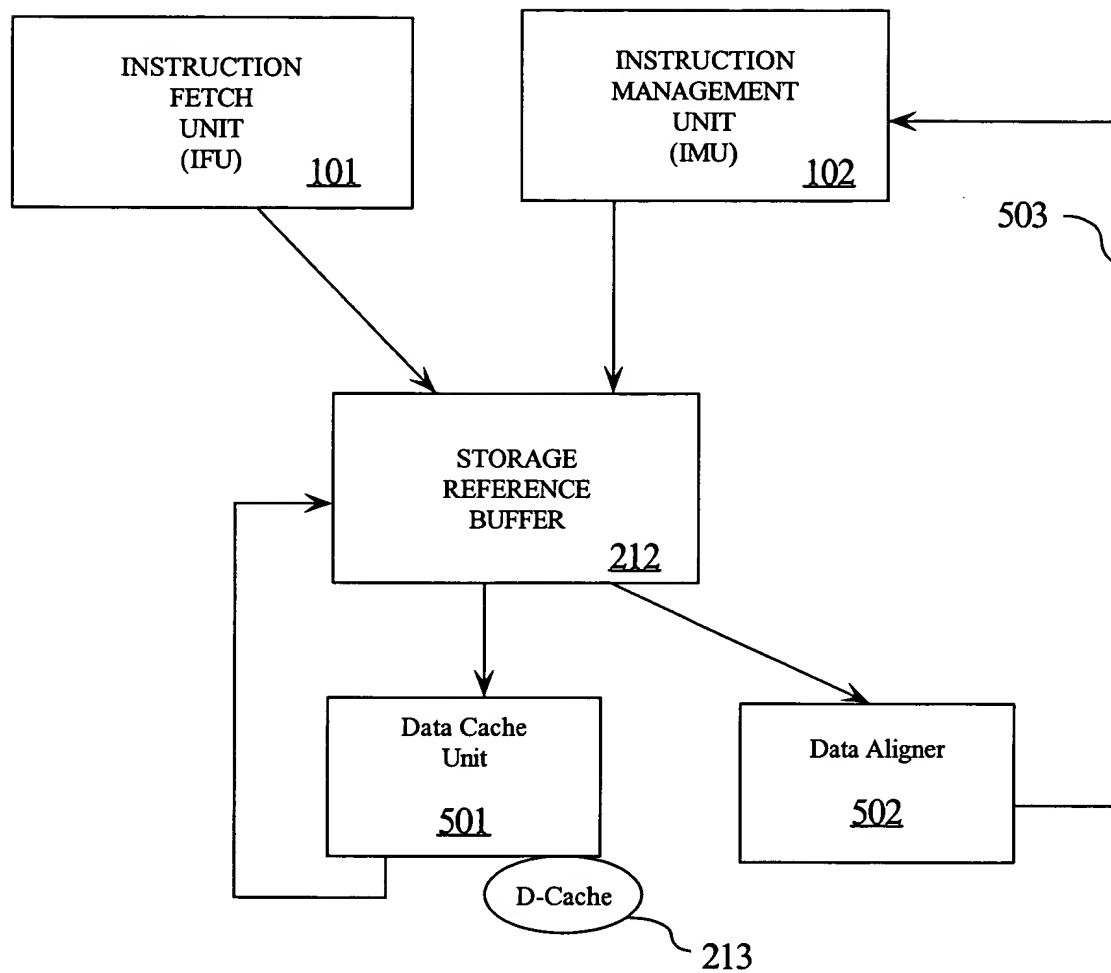


FIG. 5

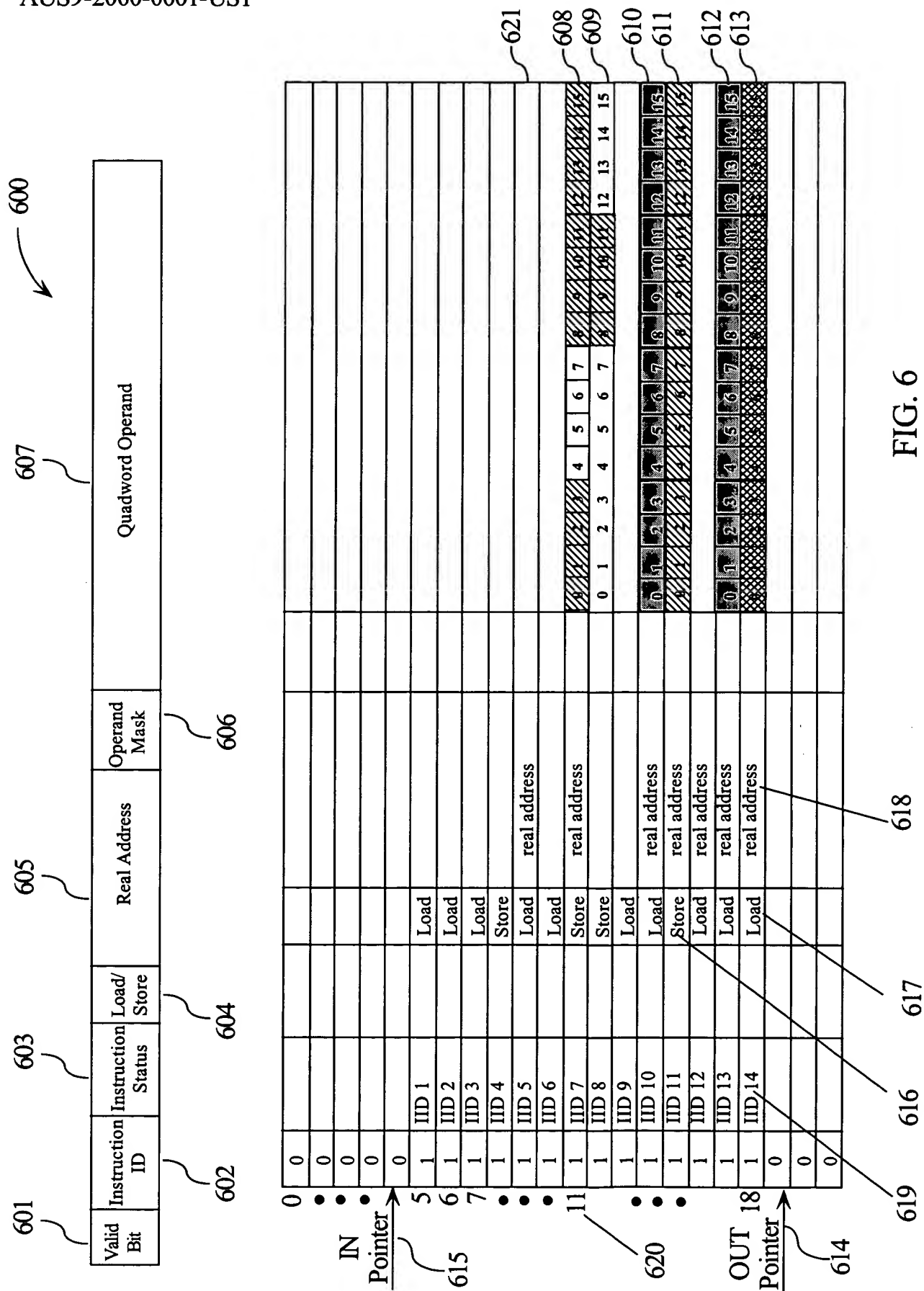


FIG. 6

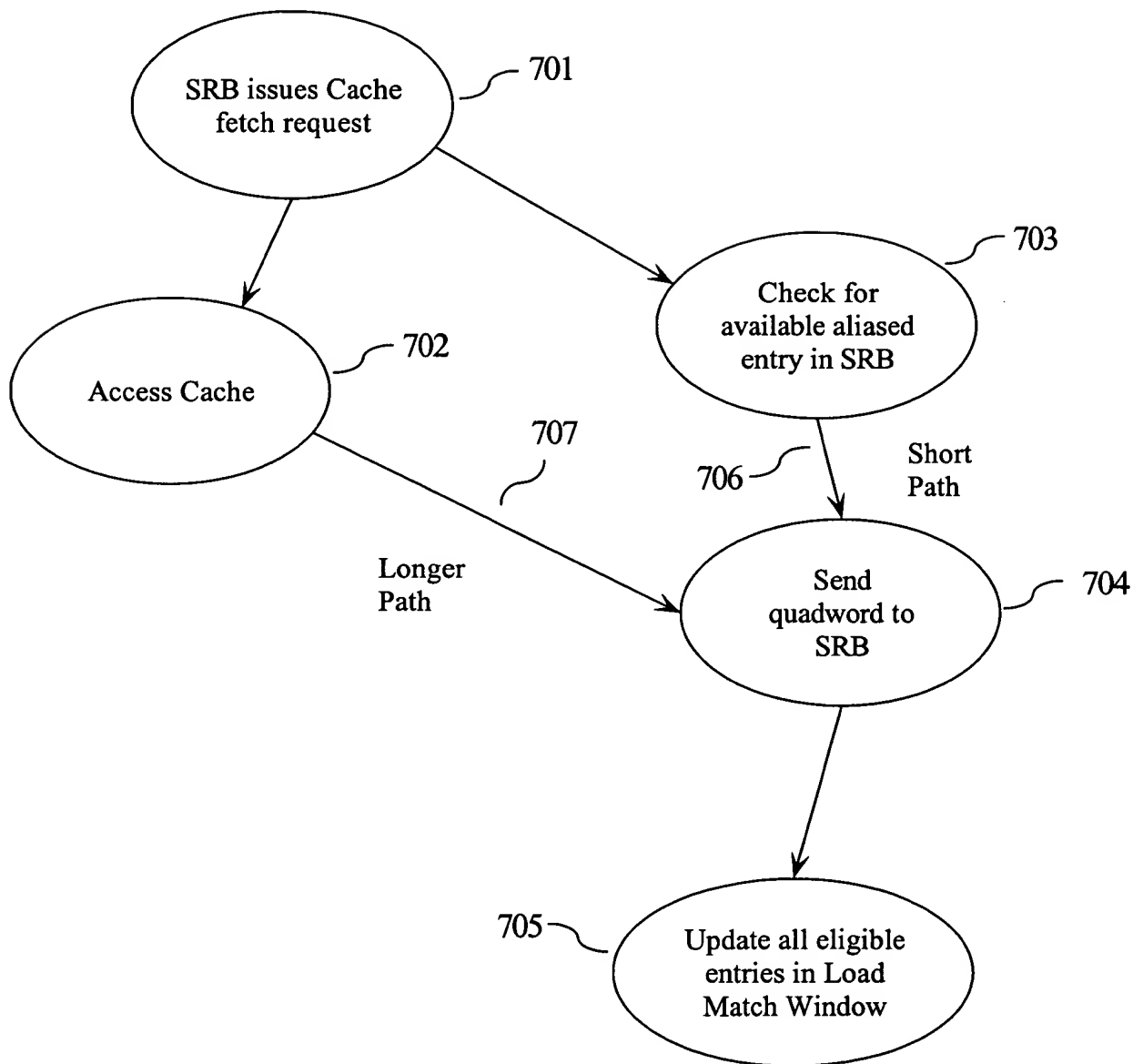


FIG. 7

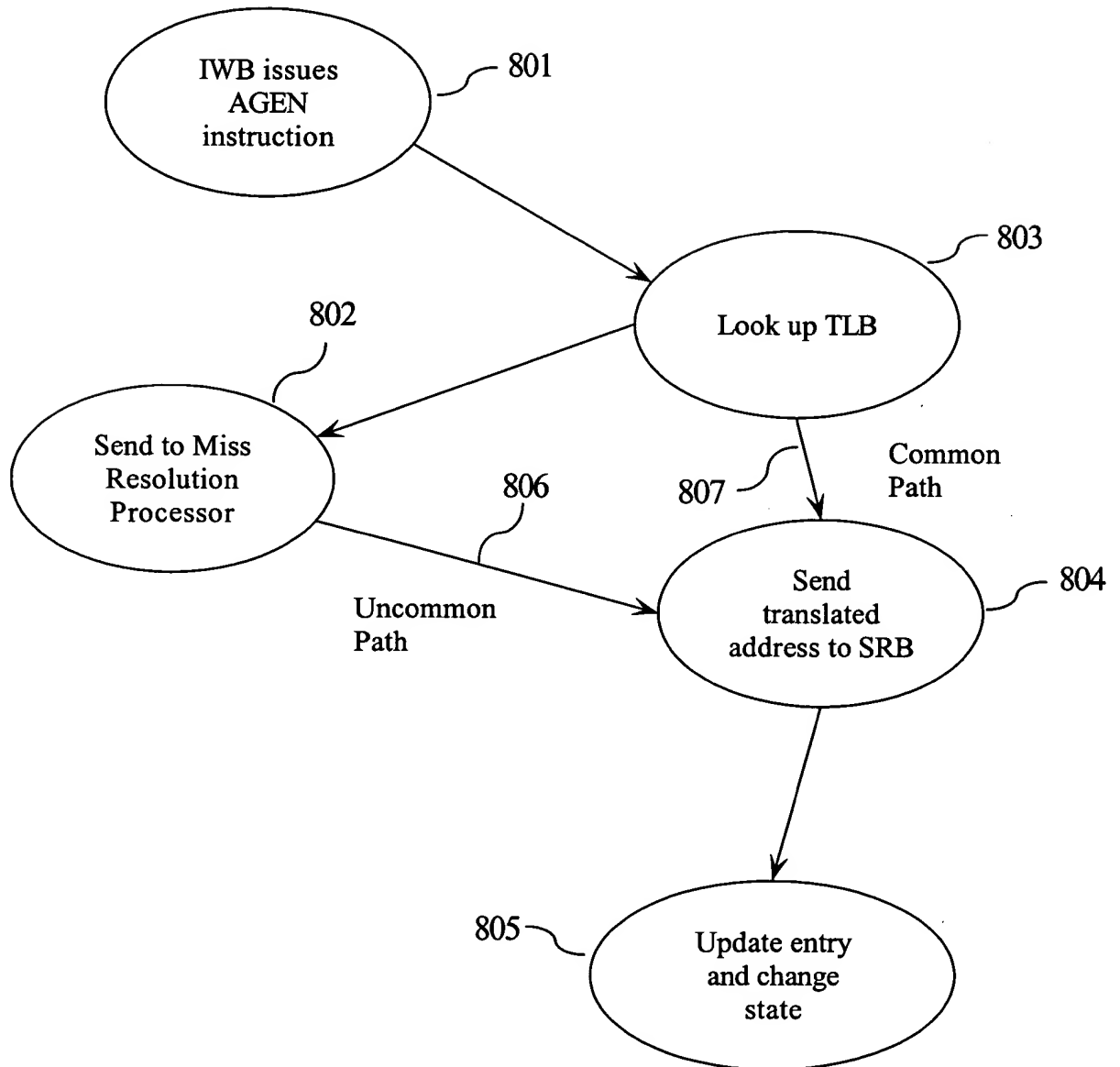


FIG. 8

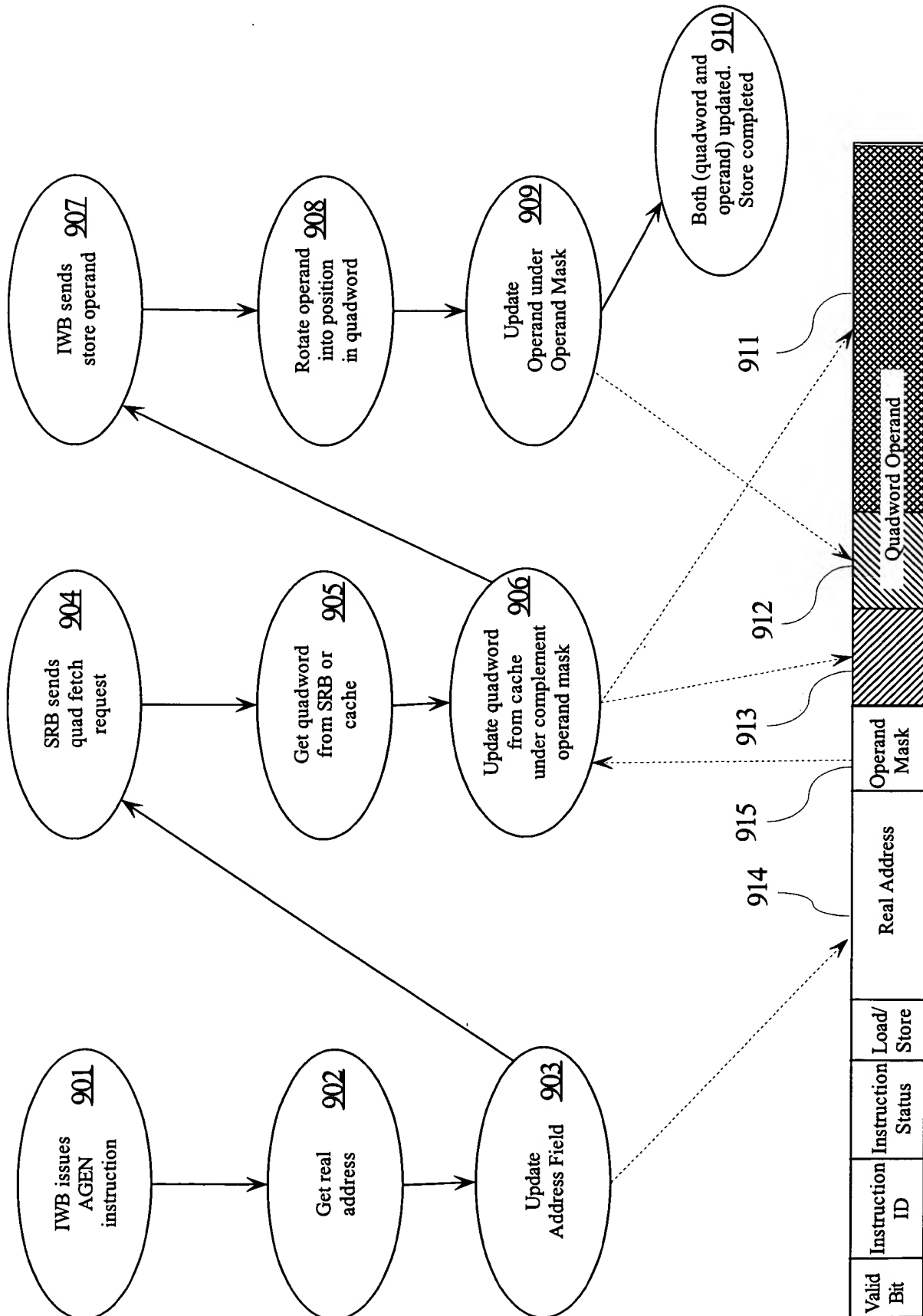


FIG. 9

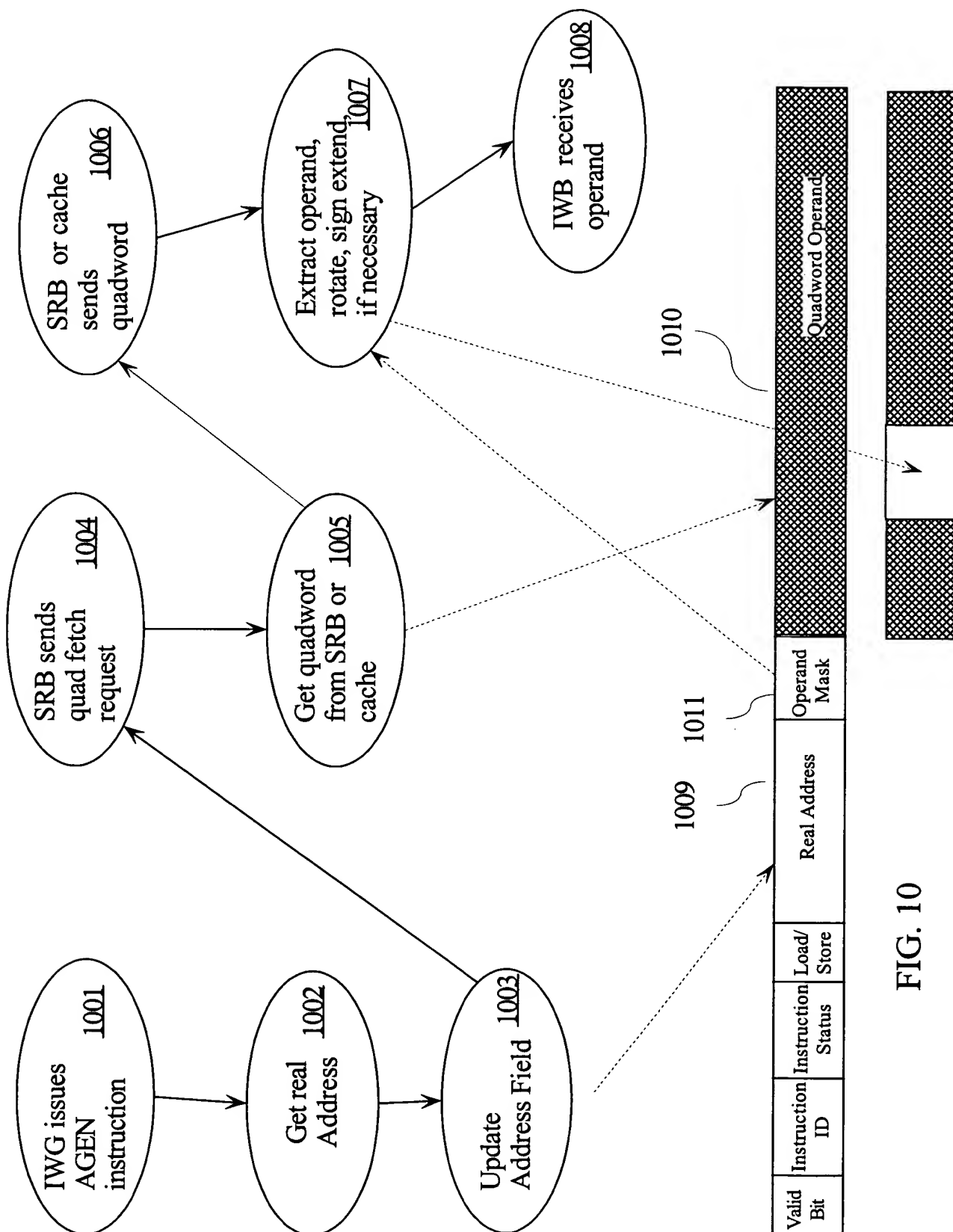
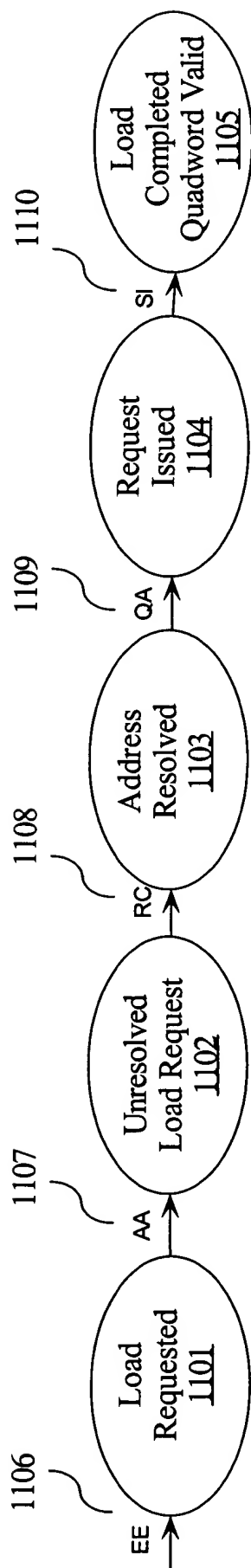
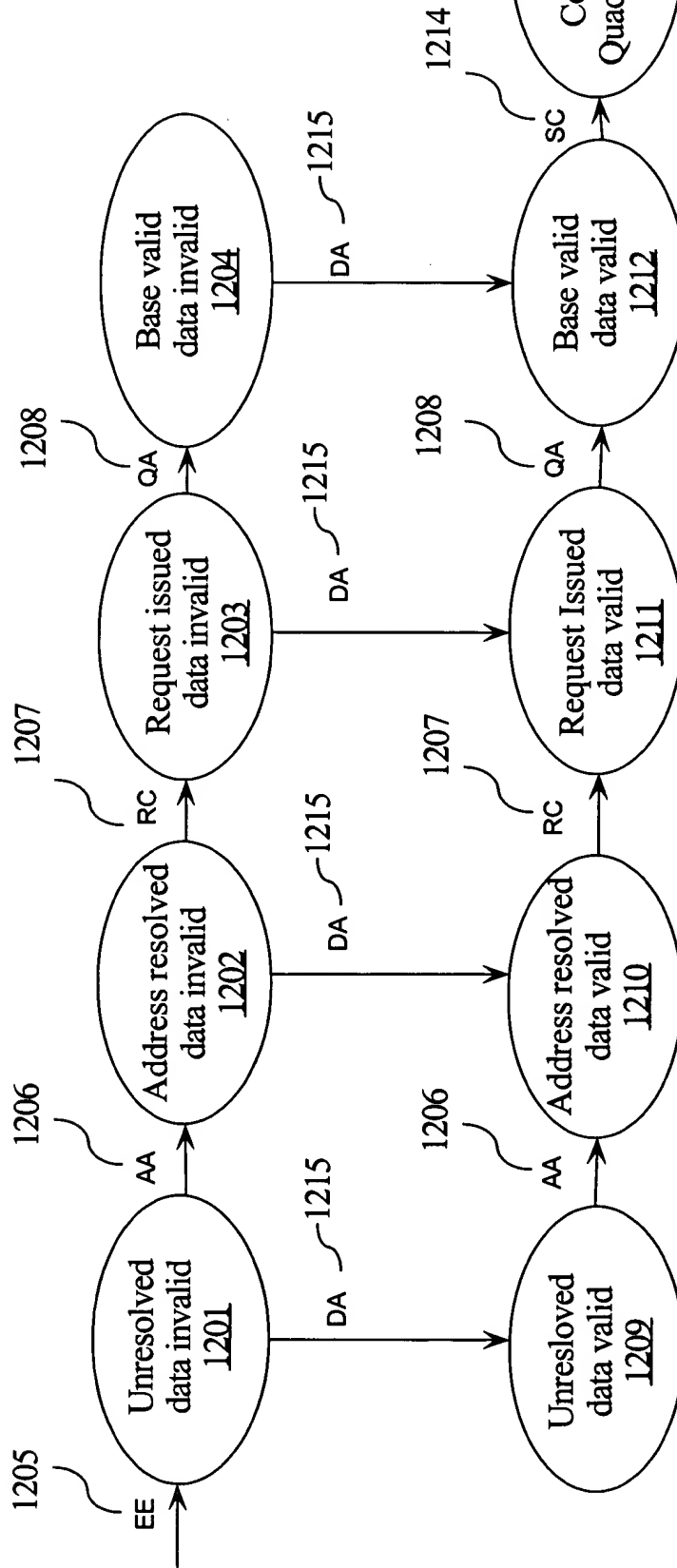


FIG. 10



State transition diagram for load operations

FIG. 11



State transition diagram for store operations

FIG. 12

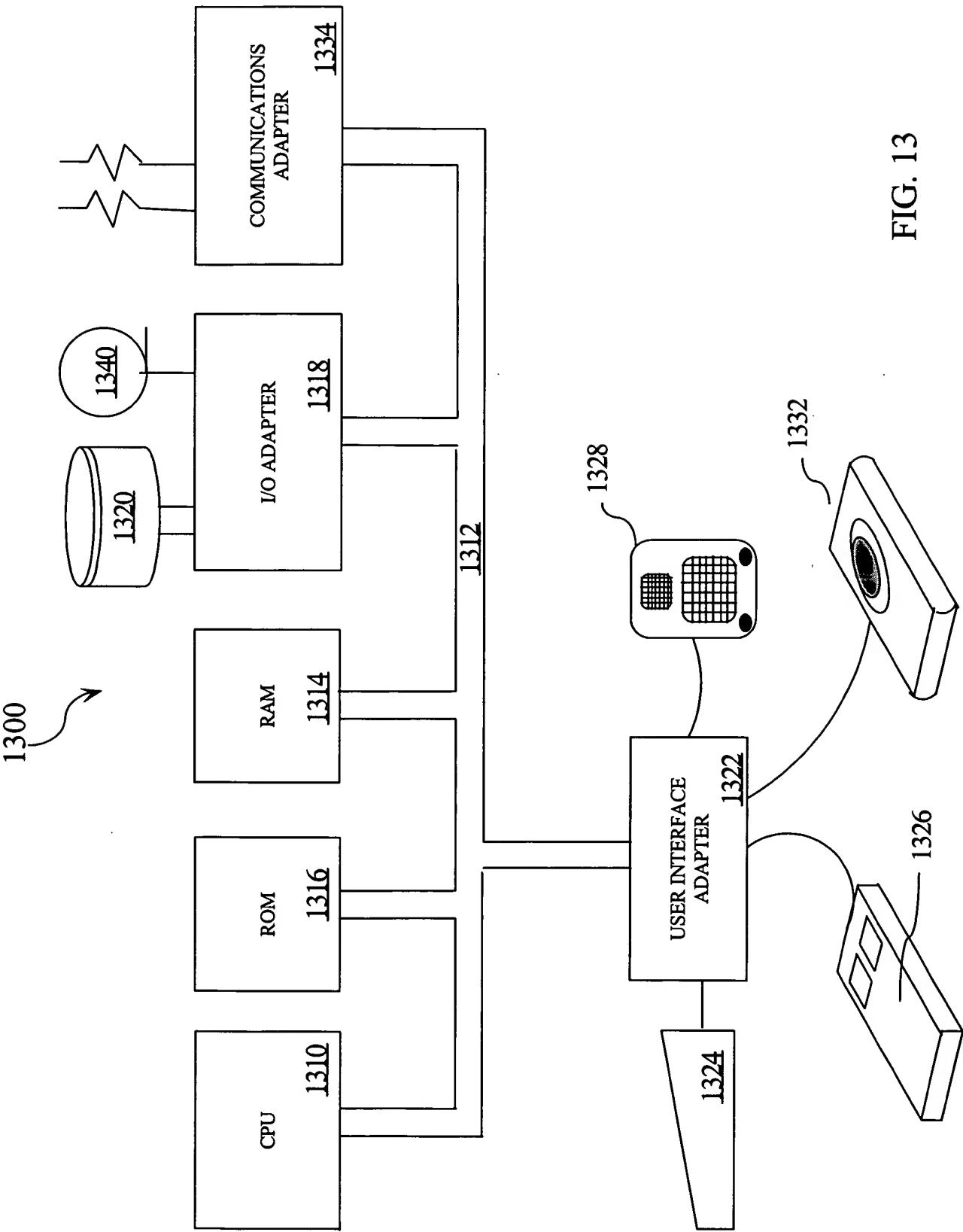


FIG. 13